

THE BOSTON KUGEL

THE BOSTON KAYPRO USERS' GROUP

SEP-OCT 1983

VOL. 1 NO. 1

WELCOME TO THE PREMIER ISSUE OF THE BOSTON KUGEL...AND TO THE BOSTON KAYPRO USERS GROUP (BOSKUG).

This newsletter is designed to serve as a communications link among BOSKUG members. This means that we welcome all contributions from all contributors. The more members who participate, the stronger this link will become. Let us know how you like it. Now -- here's the news:

As of September 1, BOSKUG has officially separated from the Osborne group and is now an official user group of the Boston Computer Society (BCS).

MEETINGS

Meetings will be held the 2nd and 4th Tuesdays of each month at THE MINUTEMAN REGIONAL VOCATIONAL TECHNICAL SCHOOL, ROUTE 2A (MARRETT ROAD), LEXINGTON, just west of Rte 128. (Practically next door to the Honeywell plant where BOG meets.) Park in the Staff Parking Lot, enter through the cafeteria, and follow BOSKUG signs to the MUSIC ROOM on the SECOND FLOOR. 7:30 p.m. is the meeting time, however many people arrive earlier to set up and work on their computers. The Library will normally be available from from 6:30-7:30 for making copies.

We are very fortunate to have found such a modern facility. The room has plenty of tables and electrical outlets for our computers, and it will comfortably hold 80 people. There is one catch, though: no smoking. Smokers will have to go downstairs to the lobby to light up.

THE FIRST OFFICIAL MEETING WILL BE TUESDAY, SEPTEMBER 13. The program will be on "Printers and the Kaypro."

TUTORIALS

Also beginning September 13, Mike Weiss, newly hired by Kaypro, will be on hand at 6:30 to conduct a one-hour "Early-Bird Tutorial" for beginning users and those who want a refresher on Kaypro basics. Mike will also be running other instructional programs for BOSKUG.

PROGRAMS

Our plan is to run one "Program" meeting each month with a speaker, panel or presentation, and one "Workshop" meeting where special interest groups can form (e.g., word processing, database, modem communications, etc.) and do hands-on work with their computers. Members can form their own interest groups and we will try to provide experts to supervise. For more information, contact Programs Chairman SURESH SHENOY 655-6402 (days); 862-5173 (nights).

We hope to have programs scheduled at least 3 months in advance, so that members may make plans. On the back page of this issue is the program calendar through November.

Finally, a general word about BOSKUG:

You don't have to be an expert to enjoy user-group meetings. Our programs and tutorial workshops are conducted for users of all levels of experience. Whether you are a new member or you have belonged for the entire four months of our existence (!), we want your input and invite your participation. Above all, although useful information is the medium of exchange, we want everyone to have fun. If things start to sound too serious, we depend on you to let us know.

Lee Lockwood
Co-Director

THE BOSKUG LIBRARY
by Phil Marshall
Co-Librarian

The BOSKUG library is one of the most valuable assets available to any member of this user's group. The library contains all kinds of useful public domain software as well as the current Perfect Software Updates. Most of the public domain software has been obtained from the BOG library. We are slowly and carefully sorting the programs so that faulty and repetitive files are removed. We are always looking for people interested in working with the library, evaluating potential software additions.

USING THE LIBRARY

The library is available to members at all BOSKUG meetings each month. The groundrules for use are:

1. Each person is allowed to copy as many disks as he or she wants to, but only one at a time.
2. The charge for this service is one disk (or \$3.00) per visit. That is, a total of one disk for the library for as all the disks copied from the library that night.

There is no charge, however, for Perfect Software updates to those who already have the programs.

LIBRARY CONTENTS

Currently, there are about 15 disks available for copying. These disks include Perfect Software updates, communications software, Electronic Card File, and many CP/M utility and applications programs.

Each BOSKUG disk contains a DISK.DOC

describing the files on the disk and what they can do. Additionally, where needed, some individual programs have their own separate disk docs.

Also available are the PERFECT Software updates (see "Perfect Software News" on page 3), and a new version of CP/M 2.2 with a new COPY program.

The new CP/M operates the same as the old version, except that the disk drives stop spinning immediately after disk operations are complete. This is most noticeable with Perfect Writer.

The new COPY program combines the old COPY, FORMAT, and SYSGEN programs into one operation. The program also offers the user a number of options for each of these functions, and it allows you to designate a .COM file for the disk to boot up to when you cold boot. For instance, you can specify 'MENU' on your Perfect Writer disk and when you reset the computer with that disk, it will automatically run the menu for Perfect Writer.

The Communications disk contains two public domain modem programs that work with the Kaypro, programs to squeeze and un-squeeze files, and some other items useful to modem users, including a directory of bulletin boards phone numbers (which we plan to keep updating).

The Utility disks contain a wide variety of programs. There is one disk with almost every conceivable type of directory program. There is a disk of disk utilities which facilitate viewing, printing, and copying files. There are also advanced disk editing programs. The Applications programs contain both business and scientific programs. New things are being added all the time!

USER'S CORNER

AND THEN THEY SAID...

THE BANANA BY GORILLA

Having just bought an Epson FX-80 for over \$700, I felt sick to my stomach when I read that a new dot matrix printer was hitting the market at an incredible \$249 which would have features comparable to machines costing two and three times that much.

I raced to my favorite computer store just as they were testing the first BANANA in the newly-arrived bunch. It blew two fuses before the print head drive mechanism could be freed.

The BANANA is an inexpensive 50 cps 5" x 7" dot matrix printer (The Epson FX-80 runs 160 cps on a 9" x 11" format). The BANANA makes the numeral "9" and the lowercase "g" look so much alike that you have

to go to their list of print fonts to tell them apart. Also, the lower case "p" looks ridiculous when it stands as high as an upper case "P." There is no comparison between the machines. The BANANA may have some of the features of more expensive printers, but it performs like what it is - a \$250 machine.

(Dwight Woodruff)

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UPDATES ON THE "UPGRADES"
by Lee Lockwood

We have all struggled with the so-called "Perfect" software that came with the Kaypros we bought. Now it has become known that both PERFECT and KAYPRO have been struggling along with us.

In May, a lengthy article appeared in the KUGRAM written by Palmer Parker, head of Technical Development for PERFECT SOFTWARE, describing new versions of Perfect Writer (1.033), Perfect Filer (1.2) and Perfect Calc (1.05) plus a newly-issued Perfect Calc lessons disk. There was a rather sketchy statement of what each new version did. Users were urged to copy the new programs onto their working diskettes (not the originals!) and start using them. (The BOSKUG Library was given a set of the disks by Brad Weber, a software consultant working for Kaypro, and we urged members to copy them.)

Then, in June, another full set of disks arrived, this time from KAYPRO, some with different version numbers, others identical to the other "upgrades." This set was accompanied by a letter that stated that PERFECT's set had been "unauthorized," did not meet KAYPRO's standards, and should be discarded in favor of the KAYPRO versions. No documentation came with the new disks explaining either what was deficient about PERFECT's upgrades or which problems were solved by the new "upgrades."

One of the changes resulting from the KAYPRO issue required users to reconfigure their printers' PF.DAT files in order to use the new Perfect Writer -- a requirement that strikes fear into the hearts of many.

I contacted both KAYPRO and PERFECT in order to obtain guidance for members about which disks they should be using and why. So far, KAYPRO has not thrown much light on the matter, but Lyle Sweeney at PERFECT SOFTWARE Technical Support provided us the following information about the new disks:

PERFECT WRITER

PERFECT WRITER 1.2 is IDENTICAL to PERFECT WRITER 1.033 (the version described in the April-May KUGRAM). The new PF.CONFIG 1.2 program on the Installation Disk (requiring you to make a new PF.DAT file for your printer) has nothing to do with improvements to Perfect Writer. At

some point, PERFECT SOFTWARE acquired a new compiler, which required a new configuration structure. According to Lyle Sweeney, that's the only difference between 1.033 and 1.2, and you can use either one.

PERFECT FILER

PERFECT FILER 1.2 is identical on both the KUG and the KAYPRO upgrade disks. It cures some of the problems PF 1.0 had with the "Create" and "Move" programs (which used to lose member files as well as occasionally mangle some files if you removed the disk without escaping to a warm boot first). It also now supplies a default list format for customized data bases.

PERFECT CALC

PERFECT CALC 1.1 is superior in many respects to various other upgraded versions (we had 1.05), but is still not 100% right. According to Sweeney, PC 1.0, which originally came with the KAYPRO, had a "dynamic" swap file which limited the size of the program you could run. PC 1.05 (and 1.07 & 1.08) changed to a "static" swap file (1.05, 1.07, 1.08) to cure that problem. But the new swap file couldn't grow and held "too much program and not enough file." PC 1.1 has now solved that problem, Sweeney says, but in so doing, has created another: when using 2 screens, if you change the column width in the one you're working on, it is also changed on the other screen, BUT YOU CAN'T SEE WHAT IS HAPPENING until it's too late.

Sweeney also mentioned that overhauled versions of Perfect Writer, Filer and Calc are in the works, including new manuals, sometime before January. These are the result of improvements made while configuring for the IBM PC. We'll be getting these for the Library & will keep you posted. I want to say that PERFECT SOFTWARE has been extremely cooperative and concerned. They say they are interested in hearing suggestions and criticisms from users. If you have any, write to Technical Support, PERFECT SOFTWARE, Box 1479, Eugene, OR 97440 or call Lyle Sweeney at (503) 342-2303.

An up-to-date set of the latest Kaypro supported PERFECT Software programs consists of:

Perfect Writer	1.2
Perfect Speller	1.1
Perfect Filer	1.2
Perfect Calc	1.1
Installation disk with	
PFCONFIG	1.2

BYTES, BITS & NIBBLES...

● KAYPRO CORPORATION is now the official name of the company that makes Kaypro computers. It was changed from Non-Linear Systems, Inc. last June.

● KAYPRO CORP. went public Aug. 25. The initial offering was at \$10 per share, and was underwritten by Prudential-Bache. The stock is trading OTC; its symbol is "Kaypro."

● Changes were made August 1 in the software packages bundled with Kaypros:

KAYPRO II now includes:

PERFECT WRITER, SPELLER, FILER and CALC; PROFIT PLAN; WORDSTAR; THE WORD PLUS; and M-BASIC. The price remains at \$1595. Rumors of a further cut in the price of the Kaypro II are false.

KAYPRO 4 and 10 include:

WORDSTAR; MICROPLAN; THE WORD PLUS; M-BASIC;

C-BASIC; S-BASIC. Additionally, SUPRTERM comes with the 10. KAYPRO is negotiating with PERFECT SOFTWARE to include the Perfect software programs with the Models 4 and 10.

● TECH SUPPORT BULLETIN BOARD: Kaypro Technical Support has just put on line an electronic bulletin board (300-baud) for the exchange of technical info for end users. The dedicated phone number is: (619) 481-3942.

● NEW CHIP: A new character-generator chip is now available at Kaypro dealers. It is said to produce "better formed lowercase letters (g, y, q), lowers the semicolon, and changes the up-arrow above the '6' to a true caret. The chip is part no. 81146A and costs around \$25.00.

● IBM PC? MS-DOS? 256K RAM?: SWP, Inc. Micro-Computer Products now offers the Co-Power-88 board with a choice of 128K or 256K

RAM. According to KAYPRO, the board fits behind the drives and enables it to run either CP/M 86 or MS-DOS. By adding a filter, nongraphic IBM PC programs can also be run. Locally, the board is available from DNN Enterprises, Inc. 202 South Main St., Sherborn, MA (6537000).

ON THE LOCAL FRONT:

● BOSKUG member Mike Weiss has joined KAYPRO Corp's Eastern Region staff working for District Manager Tony Amico. Mike's job includes providing training support to dealers and to user groups. In this capacity, Mike will be conducting monthly tutorial sessions in conjunction with BOSKUG meetings.

● CP/M '83 EAST is taking place Sep 29 through Oct 1 at the Hynes Auditorium in Boston. Over 500 displays as well as panels, seminars and workshops on CP/M-based software and hardware for everyone from the beginner to the pro. Tickets are \$10 for one day (exhibits only) and \$25 for all three days including seminars and workshops. More information and tickets from National Computer Shows, 822 Boylston St., Chestnut Hill, MA 02167, (617) 739-2000.

THREE INFORMATION SOURCES FOR KAYPRO-FORMATTED SOFTWARE

● KAYPRO has published a "KAYPRO SOFTWARE DIRECTORY" listing software programs and industry applications packages available in KAYPRO format and the names of the vendors. The industry packages include: Automotive; Construction; Educational; Farming; Financial; Government; Insurance; Library; Manufacturing; and Publishing.

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BULLETIN BOARDS

Here is a listing of free bulletin boards we know about. Let us know of changes to this list as well as others you find. These are all 300-baud boards (not to be confused with the 300 bored bods found in the bleachers at Fenway Park).

BOSTON AREA

ALLSTON SPEED BOARD	254-4327
BINEX	423-6985
BOSTON COMPUTER SOCIETY	969-9660
BOSTON BULLET.....	266-7789
LEXINGTON	862-0781
HEATH (after 6 p.m.).....	237-1511
LAWRENCE HOSPITAL	623-2119
NEW ENGLAND COMPUTER SOCIETY	646-3610

OUT OF STATE

NATIONAL KAYPRO USERS GROUP (Chicago)...	(312) 397-0360
NJ KUG	(201) 272-1874
STEVE SANDERS (Tampa, Fl)	(813) 937-3608
(Has Kaypro version of Modem 7-11 available for downloading)	
TORONTO (CP/M)	(416) 826-5398

BYTES, BITS & NIBBLES...
(cont. from p. 4)

• SOFTWARE WHOLESALERS, INC., a locally-based distributor of software, has a wide selection of programs available to dealers in KAYPRO format. By special arrangement, the KUGEL will receive regular updates to their catalogue as well as latest information on new programs. (Oh, boy! Our first exclusive!) One catch, though, Software Wholesalers only sells to dealers, not individuals, so if you see a program you want, bug your local dealer (and tell him where he can get it for you).

• SOFTWARE DISTRIBUTORS, Softeam, Inc., offers Kaypro format for training, financial, programming and marketing programs as well as a wide range of utilities.

We'll have these catalogues, and any others we receive, available for your perusal at meetings as part of the BOSKUG Library.

THE BOSTON KUGEL

is published bimonthly by
The Boston Kaypro Users' Group
of the Boston Computer Society

EDITOR: Alan Chapman
877-6848

MEMBERSHIP INFORMATION

BOSKUG is the official Kaypro Users Group of the Boston Computer Society.

BOSKUG is dedicated to the exchange of information and to helping Kaypro owners solve problems they may have with their machines, its software, or peripherals. BOSKUG meets semi-monthly on the 2nd and 4th Tuesdays. Programs include lectures, panels, and hands-on workshops on CP/M, Perfect Software, applications and other programs available for the Kaypro. Qualified representatives and consultants from Kaypro appear frequently at our meetings to conduct discussions and answer questions. Meeting notices are carried in the BCS monthly CALENDAR and in its bimonthly magazine, UPDATE.

For more information, complete the accompanying form or contact the Boston Computer Society at 367-8080.

SOME IMPORTANT PHONE NUMBERS FOR BOSKUG MEMBERS

KAYPRO CORPORATION (Technical Support)

SOFTWARE (619) 481-3920
HARDWARE (619) 481-3424
TECH SUPPORT BULLETIN BOARD (619) 481-3942

PERFECT SOFTWARE

GENERAL INFORMATION (800) 222-4222
TECHNICAL SUPPORT (Eugene, OR) .. (503) 342-2303

BOSTON COMPUTER SOCIETY (617) 367-8080

BOSKUG

LEE LOCKWOOD (Co-Director) 965-6343
27 Howland Road
West Newton, MA 02165

BOB WATERS (Co-Director) (h) 894-5334
23 Derby Lane (w) 893-6900
Weston, MA 02193

DIANE BUSHEE (Secretary) (w) 437-2863
6 Camelot Court, #14
Brighton, MA 02135

PHIL MARSHALL (Co-Librarian) (h) 244-8674
93 Central Avenue (w) 589-1255
Newtonville, MA 02160

CHARLES BOWEN (Co-Librarian) 332-2931
15 Perkins Street
West Newton, MA 02165

ALAN CHAPMAN (Newsletter) 877-6848
70 Gregory Road
Framingham, MA 01701

SURESH SHENOY (Programs) (h) 862-5173
57 Turning Mill Road (w) 655-6402
Lexington, MA 02173

BOSKUG - The Boston Kaypro Users' Group
The Boston Computer Society
3 Center Plaza
Boston, MA 02108

Please complete and return this form to obtain more information about BOSKUG or to update your mailing address.

NAME _____

STREET _____

CITY _____ STATE _____ ZIP _____

TELEPHONE _____

Check one: [] I am interested in joining BOSKUG,
send me membership information.

[] Change my address.

A CALC DECISION -
SUPERCALC OR PERFECT CALC?
by Suresh V. Shenoy

All calc programs are powerful management tools designed to answer 'What if?' questions that can be expressed as mathematical equations. Both SUPERCALC (SORCIM) and PERFECT CALC (Perfect Software, Inc.) meet this basic criterion.

However, these spreadsheet programs lend themselves to a variety of applications far beyond answering 'what if' situations, such as cash management, financial statements, quote preparation, depreciation schedules, etc. Thus, what separates the two programs are:

- (1) Documentation and training
- (2) Operation
- (3) Commands available.

DOCUMENTATION & TRAINING

SUPERCALC is easy to learn. The user's guide and manual accompanying the program are written in crisp, easy-to-read English, and it is geared to the person who has no prior exposure to computers.

There are nine (9) lessons that walk the beginner through each command followed by three more advanced lessons on 'real world' applications. The index is clear and concise, and there is a single-stage help function built into the program, which is activated at any time by simply pressing the '?' key.

PERFECT CALC uses the same commands as PERFECT WRITER. If you already know PW then learning PC is easy. If not, learning and remembering the various PERFECT CALC commands can be exasperating!

To someone totally new to spreadsheet programs (and personal computers) PERFECT CALC's user manual and myriad control and escape sequences can be intimidating. The index is not very clear, and the help function is a two-stage process that consists of a 16-choice menu followed by an inadequate, brief solution.

But PERFECT CALC is a very good program with a lot of capabilities. Its major handicaps are its poor documentation and the time it takes to learn all the commands.

OPERATION

PERFECT CALC has many more commands available to the user, making the program reasonably powerful, albeit cumbersome. As you learn to scroll around a PC spreadsheet, you begin to realize the

multitude of options available to you (e.g., Ctrl-Z, Ctrl-V, Esc-Z, Esc-V for page-wise scrolling; Esc-<, Esc-> for column-wise scrolling; Ctrl-A, Ctrl-E for row-wise scrolling; 'Go-To' command plus the four arrows).

In SUPERCALC, on the other hand, all that is available are the arrows and the 'Go-To' command.

Here are two examples:

1. In SC to delete a protected entry, you simply position the cursor at the cell, type a '/U' to unprotect the entry followed by a '/B' to delete (or "Blank") the cell.

In PC the same sequence would be 'Ctrl-X Ctrl-U' to unprotect the entry, followed by a Ctrl-D to delete it. But be careful, because 'Ctrl-U' by itself is a repeat command and 'Ctrl-X D' changes display format. Confusing??

2. Although it is possible in SC to replicate a set of formulas along a row or column, it can't be done in a 'block' (i.e., A1:C17). In PC block moves are easily achieved by setting 'marks' around the regions followed by an Esc-W, Ctrl-Y sequence.

The newest version of SC (1.12) has only 28K of available memory. This can be very restrictive if the application calls for a large spreadsheet or many complicated formulas. PC, because it uses a swap file, is limited only by the space available on the disk.

COMMANDS

PC has a lot more commands available than SC. It is possible to load as many as seven different or interrelated spreadsheets into the machine memory and work on them independently or simultaneously. This cannot be done with SC. This alone prompts one to conclude that PC is superior to SC, and it is probably worth the agony of plodding through the PC user's manual.

(ED. NOTE: Perfect Software recently released a PERFECT CALC lessons disk with 9 interactive tutorial lessons that take you through most of the functions, and is much better than the PC manual. This disk is available in the BOSKUG Library.)

PC also offers some commands not available in SC, for example, 'justification' and 'screen redraw.' These two commands are very handy when you become
(cont. p. 7)

GAMES PEOPLE PLAY...

When you get tired of pushing words and numbers around your little screen and need a change of pace, the BOSKUG library has a group of games disks worth trying. There are some fun (and educational) word games and even some moving graphics. Let's face it, the Kaypro ain't Atari; you won't see mind-boggling graphics, but you may be surprised at what you can do in "living green-and-black."

Some of the games are compiled into COM files, but most are BAS files set to run with MBASIC. Our games expert, 11-year-old Seth Holmes (son of Mike Holmes), has tried them all; he's even found and corrected some of the bugs in the Basic programs.

Here are some of his comments and corrections to the games.

ADVENTURE is a true adventure. It's a large game (191K), and one game can last upwards of 40 hours. It's a combination treasure hunt, chase, escape and mystery game, similar but far

CALC DECISION (cont. from p. 6)

familiar with mathematical operators and start to think in terms of data entry and effective presentation.

In conclusion, it all boils down to application. If you are looking for an easy, uncomplicated spreadsheet to solve "What if" questions then SUPERCALC is for you. If you have more complex business or personal applications, then learn PERFECT CALC - it is worth the effort!

more complex than WUMPUS (another game in the library). In order to be able to save your game for later resumption (unless you're an insomniac), you must split it to two disks. PIP ADV.COM to a second disk and erase from the first disk. Put the ADV.COM disk in drive B and from A> type B:ADV.COM. The game is self-documented; just follow the instructions.

BIO.COM charts Biorhythms. You can chart up to a full year. To print out the chart turn on the CP/M print utility (Control P) before you call up BIO.

CAMEL.COM has an error which causes the game to end after the question, "Do you want to play again?" Any response causes the phrase "CHICKEN" to appear and the game ends. Because it is a COM file, we need the BAS or INT file or someone with an uncompiler to be able to correct it.

CHESS.COM is good, reports Mike Holmes. It beats him consistently and has a sense of humor. You can get a continually updated graphic by typing "Board" when asked for your move. If it's a close game or you want to stop you can type "Draw" asking if it is willing to accept one; if you are close it will accept; if you are behind it either declines politely or says "You must be joking!"

LADDER.COM is as close to moving graphics as the Kaypro-II currently can get. It is fast paced, challenging and all in all quite worthwhile. It is self-documented, and there are at least half a dozen different screens and several levels of difficulty and speed. Both Seth and his sister, Stacy (14½), have scored over 300,000 points. (My best is an

embarrassing 28,000, but what can you expect, I'm over 30.)

STRTRK.BAS has an error in line 1520. In play, the message "NEXT without FOR in 1520" appears. To correct it, put a disk with STRTRK.BAS and MBASIC in drive A. Type "MBASIC STRTRK." When you see the message, "Do you need instructions?" type Control C. You will get "Break in 1520. Ok;" type the following:

```
1385 FOR R1=1 TO 10 <CR>
1515 FOR A=(Q11) TO
      (Q1+1):FOR B=(Q21) TO
      (Q2+1) <CR>
2125 NEXT W1 <CR>
SAVE STRTRK <CR>
RUN <CR>
```

TRADE.BAS is a game of intergalactic monopoly. It involves establishing trade routes, purchasing stock in several companies, corporate take-overs and manipulating money. Just the game to relax with after a hard day at the Stock Exchange. Seriously, it is a challenging game for two or more players.

Tic-Tac-Toe (TTT.COM). There are two versions on the library disks. One is the traditional 9-box grid version for two players, which is guaranteed to hold your interest for about 45 seconds. The other is a nasty, 16-box grid, three-dimensional version which you play against the computer. If you're a masochist, try this one.

This is just a smattering of what's available, but it's past Seth's bedtime (mine, too), so we'll knock off until next issue, when we'll cover more game descriptions and, hopefully, debugs.



"MICRO CORNUCOPIA'S" 5 MH SPEED-UP, DOESN'T

I was ecstatic when I read David Thompson's "KayPro Column" in Micro Cornucopia (June, 1983) which purported to

show me how to double the calculating speed of my Kaypro II for about \$10 worth of parts and one hour of my time.

After spending \$20 for parts and two hours of my time I discovered that the 5 MH speed up does not work equally well on all Kaypro II's. In fact, it did not work at all on my computer.

My advice is don't try it! But if you must, here are a few tips that will allow you recover if it doesn't work.

To avoid desecrating the pc board, don't solder jumpers (per Micro C's instructions) from the pc board to the DIP leads. Instead, use stacked, low-profile, 14-pin DIP sockets and reroute the circuitry through them. This will allow you to revert back to the original Kaypro configuration by removing the modified plug in DIP sockets. This could be a real life-saver if you ever have to bring your unit in for repair, as it may be hard to find someone to fix a non-standard Kaypro II.

One piece of good advice in the Micro C article is to put a switch in the circuit for switching from the original 2.5 MH to 5 MH. I did (fortunately!), and I will keep my switch set at 2.5 MH until I can get additional instruction on making the 5 MH speed-up work.

If I ever get my Kaypro II running at 5 MH, I will be delighted to submit a detailed article telling you how to follow in my footsteps.

(Dwight Woodruff)

BOSTON KAYPRO USERS GROUP (BOSKUG) MEETING SCHEDULE

The Kaypro Users' Group of the Boston Computer Society meets every second and fourth Tuesday of the month at the Minuteman Regional Vocational Technical School, Route 2A (Marrett Road), Lexington.

Sep 13 - 6:30 p.m. Beginners' Tutorial - Mike Weiss
7:30 p.m. PRINTERS - Daisywriter & Okidata
Speakers: Ed Steen, Data Int'l Corp.;
Bob Gross, Data Engrg Corp.

Sep 27 - 7:30 p.m. INTRODUCTION TO CP/M PART 1 - Speaker:
Jay Sage. The fundamentals of an operating system. What is it? How does it work for you? How does it interact with your Kaypro?

Oct 11 - 6:30 p.m. Tutorial - Mike Weiss
7:30 p.m. Idea exchange.

Oct 25 - 7:30 p.m. INTRODUCTION TO CP/M PART 2 - Speaker:
Jay Sage. The utilities - PIP, STAT, ERA, REN, etc.

Nov 8 - 6:30 p.m. Tutorial - Mike Weiss
7:30 p.m. Idea Exchange.

Nov 22 - 7:30 p.m. MODEMS - Speaker: Jay Sage. The use and application of various modems; public domain software; bulletin board services.

Your ideas for lectures or panel discussion topics and volunteers to participate in the programs are more than welcome. Contact Program Chairman Suresh Shenoy (655-6402 - days; 862-5173 - eves).

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SEP-OCT 1983

VOL. 1 NO. 1

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U.S. Postage Paid

Boston, MA.

Permit No. 1138

 The
Boston
Computer
Society

Three Center Plaza

Boston, Massachusetts 02108